

..... CANCER

The following information on cancer summarizes data collected by the Bureau of Health Information. There were 23,857 new cases of *invasive* cancer diagnosed among Wisconsin residents in 1997. The number of Wisconsin resident deaths attributed to cancer in 1997 was 10,532. Since 1990, the overall cancer mortality rate has steadily declined.

CANCER INCIDENCE

	1997	1995	1990
• <i>Invasive</i> ¹ cancers diagnosed:	23,857	23,455	21,833
• Age-adjusted <i>invasive</i> incidence rate per 100,000 population:			
Male	453	450	444
Female	337	340	331
Total	385	385	375
• <i>Invasive</i> cancers diagnosed by age, males ² :			
< 25	1%	2%	2%
25-44	5	6	5
45-64	29	28	25
65+	64	65	68
• <i>Invasive</i> cancers diagnosed by age, females ² :			
< 25	2%	2%	2%
25-44	10	10	9
45-64	32	30	30
65+	57	59	59
• The most frequently diagnosed <i>invasive</i> cancers for males in 1997 were prostate (31%), lung (16%) and colon (9%).			
• The most frequently diagnosed <i>invasive</i> cancers for females in 1997 were breast (32%), lung (12%) and colon (11%).			

	1997	1995	1990
• Extent of disease, at diagnosis, for all cancers ² :			
Local	53%	48%	47%
Non-local	42	41	43
Not stated	6	11	10
• Extent of disease, at diagnosis, for female breast cancer ² :			
Local	71%	65%	63%
Non-local	28	29	31
Not stated	2	6	6
• Extent of disease, at diagnosis, for prostate cancer ² :			
Local	78%	70%	61%
Non-local	16	18	28
Not stated	5	13	11

CANCER SCREENINGS, 1997

• Women (50+) who had a mammogram in the past year:	57%
• Women (50+) who had a mammogram in past two years:	70%
• Women (18+) who had a clinical breast exam in the past year:	64%
• Women (18+) who had a Pap smear in the past year:	59%
• Women (18+) who had a Pap smear in past three years:	83%

WISCONSIN ADULTS AND CANCER, 1997

	Age	Percent
• Estimated percent of adults ever diagnosed with cancer ³ :		
	18-44	2%
	45-64	5
	65-74	11
	75+	15
	All Adults	4%

CANCER MORTALITY

	1997	1995	1990
• Total cancer deaths:	10,532	10,521	10,230
• Percent of all deaths:	24%	23%	24%
• Age-adjusted death rate per 100,000 population:			
Male	191	200	211
Female	133	133	139
Total	157	160	168
• Cancer deaths by age, males ² :			
< 25	1%	1%	1%
25-44	3	3	3
45-64	22	22	24
65+	75	74	72
• Cancer deaths by age, females ² :			
< 25	< 1%	1%	1%
25-44	4	4	4
45-64	22	21	24
65+	74	75	71
• Average years of potential life lost due to cancer mortality ⁴ :			
Lung	15.4	15.4	16.4
Colon	13.4	14.0	14.3
Prostate 9.3	9.6	10.1	
Female Breast	19.5	19.1	20.0
Cervical	28.9	27.6	27.0

- The most frequent cancer deaths for males in 1997 were lung (29%), prostate (13%) and colon (9%).
- The most frequent cancer deaths for females in 1997 were lung (22%), breast (15%) and colon (10%).

¹ Invasive cancers are those that invade the host organs and may also invade the surrounding tissue.
² Percent totals may not sum to 100 due to rounding.
³ Includes nonreportable cancers; does not include residents of nursing homes and other institutions.
⁴ The average difference between the age at death and the *expected* age at death, calculated from Wisconsin life expectancy tables for 1993-95.

ADDITIONAL INFORMATION

Cancers Reportable to the Wisconsin Cancer Reporting System. By statute, all malignant *in situ* (noninvasive) cancers and invasive cancers except basal cell and squamous cell carcinomas of the skin are reportable.

Age-adjusted Rates. Age-adjusted rates take into account diverse age distributions between populations. This permits comparisons between different years and places. An age-specific rate for each age group was determined, then weighted by multiplying it by the proportion of the 1970 U.S. standard population in that age group. The age-adjusted rate is the sum of the weighted age-specific rates.

Extent of Disease. "Local" includes invasive and *in situ* tumors confined to the organ of origin; "non-local" includes all regional and distant tumors.

Sources of Data. Incidence data are collected by the Cancer Reporting System; mortality data are from the Vital Records and Statistics death files; cancer screening data (estimates based on sample data) are obtained from the 1997 Wisconsin Behavioral Risk Factor Survey; and the percent of adults ever diagnosed with cancer is from the 1997 Wisconsin Family Health Survey.

1990 and 1995 Data. These data may appear different from those published in earlier Health Counts publications. This is due to the change from reporting invasive and non-invasive cancers combined to just invasive-only cancers, and the additional cases reported for those years that were received after the publication of earlier Health Counts.

The 1997 **Wisconsin Cancer Incidence and Mortality** report provides more detailed information; to request a copy, call Jan Gugel at (608) 267-7955. For additional information, call Laura Stephenson-Vine at (608) 266-8926.

Address mail requests to:
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Health Counts in Wisconsin

New Findings from the Bureau of Health Information

CANCER

1997

Division of Health Care Financing
Department of Health and Family Services